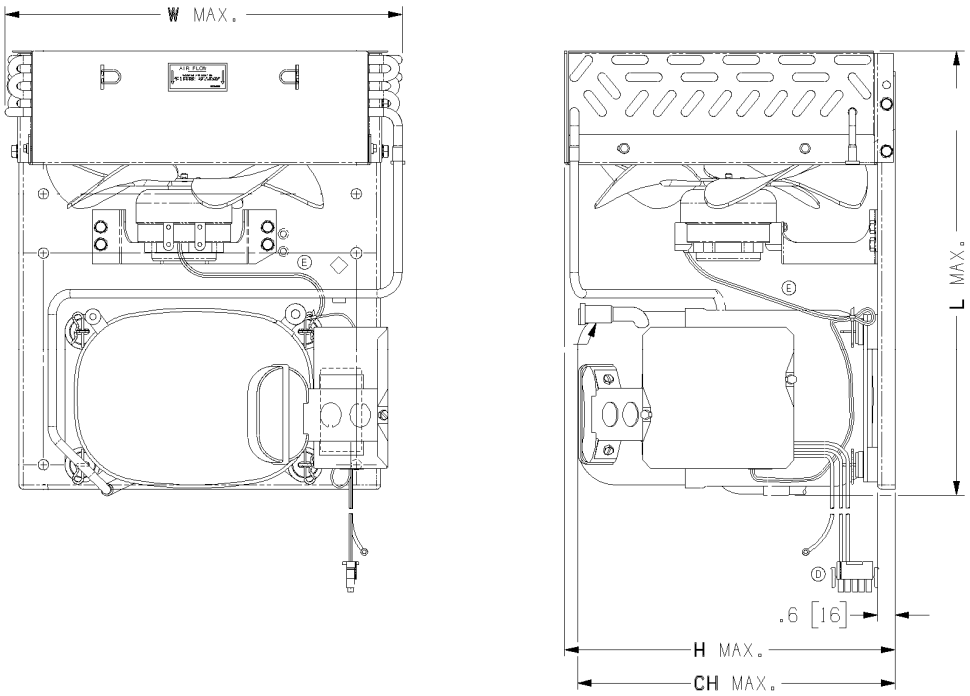
February 15, 2010

Tecumseh Compressor Company
Indoor Condensing Units

Model: AJA4482YXDXA **BoM: 2C704-2** **R-134a** **3/4 HP** **AIRCOOLED**



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AJA4482YXDXA	20.4	14.4	11.8	11.4	5/8" RS	1/4" S	----------	--------	782	---------
* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**										

60 Hz Performance

		Ambient Temperatures															
Evaporator		80°F				90°F				100°F				110F			
°F	PSIG	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T
10	18.4	4394	820	127	99	3884	811	144	107	3495	808	162	115	3020	826	184	124
15	22.1	5016	875	133	102	4490	873	151	110	4039	875	170	118	3517	884	192	127
20	26.1	5643	936	140	105	5102	940	159	113	4593	946	178	121	4024	950	202	130
25	30.4	6275	1001	148	108	5719	1011	167	116	5156	1021	188	124	4541	1022	211	133
30	35.0	6912	1071	157	111	6341	1086	176	119	5728	1100	197	127	5069	1101	222	136
35	40.0	7554	1147	167	114	6969	1166	186	122	6310	1183	208	130	5606	1187	233	139
45	45.4	8851	1312	189	121	8240	1337	207	128	7502	1363	230	137	6710	1379	256	145
55	51.2	10169	1496	216	128	9532	1524	231	135	8731	1558	255	144	7853	1598	282	152

Return gas 65°F, 5°F sub cooling

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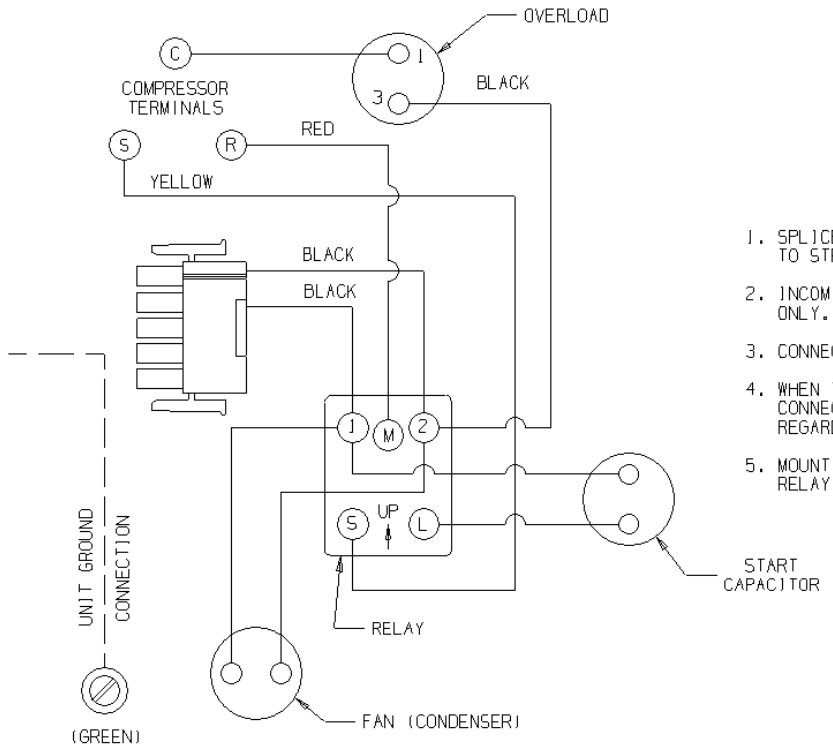
Specifications / Parts

Model	AJA4482YXDXA
Specifications	
Unit Bill of Material	2C704-2
Nominal Volts-Hz-Ph	208/230/60/1
Voltage Range	253-187
Refrigeration Range	+20 to +55 °F
Design Low Pressure	150
Design High Pressure	235
Min. Circuit Ampacity	9.5
Max. Fuse Size (amps)	15
Parts / Values	
Compressor Model	AJA4492YXD
Comp. Bill of Material	AJ150GT-205
Compressor RLA/LRA	7.0 / 41.8
Overload	8300MRAH24
Relay	820ARR2-B19
Run Capacitor	N/A
Run Capacitor Rating	N/A
Start Capacitor	85PS250D09
Start Capacitor Rating	88-108 mfd / 250 volt
Fan Motor	810M035C02
Fan Motor RLA	.7
Fan Blade	51569
Fan Guard	N/A
High Pressure Switch	N/A
Low Pressure Control	N/A
Dual Pressure Control	N/A
Condenser	50872-1
Receiver Tank	N/A
Liquid Valve	N/A
Liquid Valve Gasket	N/A
Discharge Valve	N/A
Suction Valve	N/A
Suction Valve Gasket	N/A
Accumulator	N/A
Crankcase Heater	N/A
Prints / Diagrams	
Unit Drawing	DGU1758-73
Wiring Diagram	90701-4

CHG. REL	PART NO.
	90701-4



ELECTRICIAN FIELD WIRING AND INSTRUCTIONS

1. SPLICE INCOMING POWER LEADS, FROM DISCONNECT SWITCH, TO STRIPPED LEADS IN THIS ENCLOSURE.
2. INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
3. CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
4. WHEN T.P.CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS, REGARDLESS OF LOCATION.
5. MOUNT RELAY IN PROPER POSITION AS INDICATED ON RELAY BY "TOP" OR "↑ TOP".